

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000093**Date Inspected:** 21-Aug-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Fu Yu Hang**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** CVN Test Sampling**Bridge No:** 34-0006**Component:** CVN test Samples**Bid Item:** 52**Lot No:** N/A**Summary of Items Observed:**

The CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present for the fabrication scheduled for this project at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge. The QA inspector witnessed the cutting of samples from material designated as A709 grade 50 on the mill test report. The test samples would be examined to verify that the charpy V notch values compliance with A709 grade 50 specifications. The mill test reports did not have listed the charpy V notch values. The QA inspector had a conversation with ABF QA representative Jeff Evans. The QA inspector asked Mr. Evans why the material mill test reports deviated with steel designation marked on the steel (A572 grade 50 in lieu of A709 grade 50). Mr. Evans relayed to the QA inspector that this material had not been accepted by ABF and ABF would review all the documentation before submitting to Caltrans. Mr. Evans added that ZPMC wanted to use this material after demonstrating that the actual charpy V notch values were in accordance with the A709 grade 50 specifications. The photos below show the actual designation labeled by the steel manufacturer and the end section of the wide flange.

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# SOURCE INSPECTION REPORT

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## Summary of Conversations:

As noted above.

## Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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**Inspected By:** Acuna,Alfredo

Quality Assurance Inspector

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**Reviewed By:** Cuellar,Robert

QA Reviewer